

Funding Bulletin

Funding Opportunities for Research, Instruction, Service, Creative Activities
Fellowships and International Programs

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Program Information

To receive program descriptions and application forms for funding opportunities, please contact Beverly Page, Information Specialist, Research and Sponsored Programs, phone: (785)532-5045, e-mail: bbpage@ksu.edu

GENERAL

43-1 Nanotechnology Research Grants Investigating Environmental and Human Health Effects of Manufactured Nanomaterials (EPA)

The U.S. Environmental Protection Agency (EPA), as part of its Science to Achieve Results (STAR) program, the National Science Foundation (NSF), and the National Institute for Occupational Safety and Health (NIOSH), Centers for Disease Control and Prevention (CDC), are seeking applications proposing research about the potential implications of nanotechnology and manufactured nanomaterials on human health and the environment. Research areas can include the toxicology, fate, transport and transformation, bioavailability, and exposures of human and other species in natural ecosystems to nanomaterials. STAR-2005-B1 (FG 9/22/04)

URL: http://es.epa.gov/ncer/rfa/2004/2004_manufactured_nano.html

Deadline: 1/5/2005

43-2 Biological Criteria Program (EPA)

The focus of this research will serve to better understand the complex relationships among physical and biological responses of water bodies. Funding will be provided to support the development and implementation of biological assessments and criteria into water quality standards programs by States and Tribes including such activities as conducting state-wide assessments, compiling bioassessment databases, analyzing biological data, developing indexes, reference conditions, classification systems, holding workshops and meetings, taxonomic training, revising water quality standards, improving designated aquatic life uses and maintaining and operating technical support capabilities/centers for the States and Tribes. EPA-GRANTS-110204-001 (FG 11/2/04)

URL: <http://www.fedgrants.gov/Applicants/EPA>

Deadline: 1/1/2005

AGRICULTURE

43-3 Initiative in Ethiopia in Response to Agricultural and Livelihoods Recovery Needs Resulting from

Complex Food Insecurity (USAID)

USAID/DCHA/OFDA's strategy in Ethiopia in FY 2005 will be to meet the critical needs of populations affected by the ongoing complex food insecurity crisis and increase household level resilience to climatic, economic, and health shocks resulting in humanitarian crises. The broad goals of this APS are to: 1) Provide emergency, life-saving assistance to those populations most at-risk from food insecurity. 2) Assist affected populations in the recovery process to promote self-sufficiency and minimize dependence on external assistance. 3) Increase the capacity of households and communities to cope with recurrent drought, economic, and health shocks to reduce the need for large emergency interventions in the future. In as much as it is possible, prepare communities to transition to longer-term development initiatives that will further reduce vulnerability to food insecurity by addressing its root causes. APS OFDA-FY05-002 (FG 11/2/04)

URL: <http://www.fedgrants.gov/Applicants/AID>

Deadline: 12/1/2004

43-4 Pesticide Safety Program for Agricultural Workers, Pesticide Handlers and Health Providers (EPA)

EPA's Office of Pesticide Programs (OPP) is soliciting proposals for financial assistance to support a continuing national and international pesticide safety program to analyze occupational safety programs and information for agricultural workers, pesticide providers, and health professionals to reduce exposure to pesticides. As part of this program, the grantee will analyze the current status of private and public health programs on pesticide safety, conduct outreach meetings with experts from the agricultural community to assess needs and develop education and training programs, outreach materials and improved hazard communications for pesticide applicators, agricultural workers, health providers, growers and local, state, national, and international organizations, and government agencies. (FR 11/10/04)

URL: <http://www.epa.gov/fedrgstr/>

Deadline: 12/27/2004

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

43-5 NIJ Personal Protective Equipment (DOJ)

The National Institute of Justice (NIJ) is seeking concept papers for research, development, testing and evaluation of personal protective equipment for law enforcement officers. NIJ intends to fund projects that involve applied technology research, development, demonstration,

analysis, and evaluation of technologies or their implementation. DOJ-GRANTS-110904-001 (FG 11/9/04)

URL: <http://www.ojp.usdoj.gov/fundopps.htm>

Deadline: Concept Papers 12/13/2004

43-6 Unsolicited Proposals to the Division of Mathematical Sciences Addressing Cross-Cutting Topics in Analysis, Modeling, and Computation of Stochastic Systems (NSF)

In recent years, there has been a surge of research activities within the mathematical sciences community on analysis, modeling, and computation of inherently stochastic systems. Such studies are interdisciplinary with a broad range of applications, including models in biology, nanoscience, fluid mechanics, solid mechanics, atmospheric sciences, oceanography, finance, economics, and social sciences, etc. The Division of Mathematical Sciences (DMS) of the Directorate for Mathematical and Physical Sciences (MPS) recognizes the needs and opportunities posed by this recent surge. Unsolicited research proposals to DMS (proposals submitted to disciplinary programs) addressing cross-cutting topics in one or more aspects of analysis, modeling, and computation of stochastic systems will be considered as a focused topic area. Such proposals will be managed by a team consisting of program directors in Applied Mathematics, Computational Mathematics, and Probability Programs within DMS. NSF 05-008 (Posted 11/10/04)

URL: <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf05008>

Deadline: N/A

43-7 Instrumentation for Materials Research - Major Instrumentation Projects (IMR-MIP) (NSF)

The Instrumentation for Materials Research - Major Instrumentation Project (IMR-MIP) program in the Division of Materials Research provides support for the design and construction of major instruments costing more than \$2 million. The program also supports the development of detailed conceptual and engineering design for new tools for materials preparation or characterization at major national facilities. The program supports two types of awards: Conceptual and Engineering Design (CED) awards and Construction (CNST) awards. An institution may submit at most one IMR-MIP proposal in a given year, whether for Conceptual or Engineering Design or for Construction. Please Contact Jim Guikema by 11/29/04 if you wish to submit a proposal. NSF 05-513 (Posted 10/26/04)

URL: <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf05513>

Deadline: 1/24/2005, 10/17/2005

43-8 Networking Technology and Systems (NeTS) (NSF)

The Networking Technology and Systems (NeTS) program envisions a future in which communication networks are available anywhere and any time, are accessible from a variety of devices, require minimal management overhead, can survive faults and attacks, and can be entrusted with all types of communication traffic. To realize this vision, the NeTS program seeks to develop and sustain science and technology advances needed to: create next-generation networks; increase our fundamental understanding of large, complex, heterogeneous networks; and, continue the evolution of existing networks. The NeTS program also seeks to develop innovative curricular and educational materials that will help prepare the next generation of networking professionals. NSF 05-505 (Posted 10/12/04)

URL: <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf05505>

Deadline: 1/21/2005, 12/14/2005

43-9 Joint Fire Science Program (JFSP) (DOI)

The Fish and Wildlife Service, Region 7, is seeking potential scientific partners to submit a proposal to the Joint Fire Science Program (JFSP). The JFSP is a partnership of six Federal wildland and fire and research organizations, was established in 1998 to provide scientific information and support for fuel and fire management programs. All JFSP projects require scientist-manager partnerships along with a strong emphasis on transferring research findings to the field.

701815R009 (FBO 11/2/04)

URL: http://fedgrants.gov/Applicants/DOI/FWS/FWS_R7/701815R009/Grant.html

Deadline: N/A

HEALTH & LIFE SCIENCES

43-10 Occupational Exposure Risk on Reproduction/Development (NIH)

This funding opportunity will support research projects addressing various aspects of the problems associated with developing innovative methods for quantifying reproductive and developmental risks from exposure to environmental and occupational chemicals, and/or projects to identify and investigate study populations exposed to chemicals involved in reproductive or developmental toxicity. RFA-OH-05-003 (NIHG 11/12/04)

URL: <http://grants.nih.gov/guide/rfa-files/RFA-OH-05-003.html>

Deadline: Letters of Intent 12/10/2004;
Applications 1/12/2005

43-11 Interaction of Risk Factors for Musculoskeletal Disorders (CDC)

NIOSH will support studies examining the interaction between biomechanical, physiological, and psychosocial risk factors for musculoskeletal disorders (MSDs). Specific objectives of this initiative include: response of tissue to loading

and the pain pathways associated with this relationship, impact of aging on work-related loading, tolerance, psychosocial stress, and their interactions, impact of modern work environments on physical exposures related to musculoskeletal loading and injury, quantitative interactions of epidemiological, biomechanical loading, soft tissue tolerance, and psychosocial factors on pathways of injury leading to the development of prevention strategies, shoulder tissue response to biomechanical loading due to work tasks including repetitive and forceful exertions, and risk factors related to return-to-work and secondary injury.

RFA-OH-05-004 (NIHG 11/12/04)

URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-OH-05-004.html>

Deadline: Letters of Intent 12/17/2004;
Applications 1/13/2005

43-12 New Investigator Training in Injury (CDC)

The Centers for Disease Control Prevention invites applications to provide a one-year monitored training experience in injury research for new investigators. The program will fund applications in the following areas: unintentional injury prevention; violence-related injury prevention; injury-related acute care/mass trauma research; and injury-related biomechanics research. (FR 11/4/04)

URL: <http://www.cdc.gov/od/pgo/funding/05021.htm>

Deadline: Letters of Intent 12/6/2004
Applications 2/2/2005

43-13 Fall-prevention Model Dissemination (CDC)

The Centers for Disease Control and Prevention invites cooperative agreement applications to translate and disseminate an effective exercise intervention to prevent falls among older adults. The grantee will: identify an effective exercise intervention to reduce falls - for example, Tai Chi classes and community-based exercise classes that focus on strength, balance and endurance training; translate the intervention into a program that can be implemented in community settings; create a package of implementation materials; recruit organizations to test the package; conduct the program in a community setting; and evaluate the results emphasizing issues central to dissemination, such as feasibility, implementation fidelity and acceptability. (FR 11/8/04)

URL: <http://www.cdc.gov/od/pgo/funding/05029.htm>

Deadline: Letters of Intent 12/8/2004;
Applications 1/7/2005

43-14 AFAR Grant Programs (AFAR)

AFAR offers 1) AFAR Research Grants -- awards of \$60,000 for one to two years to junior faculty (MDs and PhDs) to do research that will serve as the basis for longer term research efforts. AFAR-supported investigators study a broad range of biomedical topics; and 2) Pfizer/AFAR Innovations in Aging Research Program -

which seeks to support MD and PhD investigators who are working in the basic biology of aging and in translational areas of aging research, focusing specifically on four areas: cancer, cardiovascular disease, stroke and Alzheimer's disease.

URL: <http://www.afar.org>

Deadline: 12/15/2004

SOCIAL SCIENCES

43-15 Child Development Policy Fellowships (SRCD)

Society for Research in Child Development is seeking applications for the upcoming Policy Fellowships for a 2005-2006 term. There are currently two types of Fellowships: Congressional and Executive Branch. Both Fellowships provide exciting opportunities for researchers to go to Washington, DC and use their research skills in child development outside of the academic setting to inform and influence public policy. Both Fellowships typically run from September 1st through August 31st of the following year.

URL: <http://www.srcd.org/policyfellowships.html>

Deadline: 12/15/2004

STUDENTS

43-16 Dissertation Awards for Violence-Related and Unintentional Injury Prevention Research in Minority Communities (CDC)

The purposes of the program are to 1) Solicit program applications that address the priorities; 2) Build the scientific base for the prevention and control of injuries, disabilities, and deaths disproportionately experience in minority communities; 3) Encourage doctoral candidates from a wide spectrum of disciplines, including epidemiology, medicine, biostatistics, public health, law and criminal justice, behavioral, and social sciences to perform research. CE05-025 (FR 11/1/04)

URL: <http://www.cdc.gov>

Deadline: Letters of Intent 12/1/2004;
Applications 1/31/2005

R.W. Trewyn, Vice Provost for Research & Dean of the Graduate School

Jim Guikema, Associate Vice Provost, Graduate Research

Caron Boyce, Administrative Specialist

Preaward Section

Paul Lowe, Director

Anita Fahrny, Assistant Director

Kathy Tilley, Carole Lovin, Rich Doan, Jean Sommer, Carmen Garcia, Rex Goff, Dawn Caldwell, Leah Matteson

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Human Subjects, Animal Care & Use, and Biosafety

Gerald P. Jaax, Research Compliance Officer
Alissa Ross, Administrative Specialist

Congressional Relations
Sue Peterson, R.W. Trewyn